

**Kang, Ji Yeon**

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**From:** Miller, Robert  
**Sent:** Tuesday, February 19, 2019 8:30 AM  
**To:** Kang, Ji Yeon  
**Subject:** FW: Loss report for red-tailed hawk in Los Angeles County  
**Attachments:** P3301.pdf

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**From:** McMillin, Stella@Wildlife <Stella.McMillin@wildlife.ca.gov>  
**Sent:** Wednesday, February 13, 2019 6:33 PM  
**To:** losangag@acwm.lacounty.gov; Palmer-Townsend, Marilyn@CDPR <Marilyn.Palmer-Townsend@cdpr.ca.gov>;  
Kratville, David@CDFA <david.kratville@cdfa.ca.gov>; Miller, Robert <Miller.Robert@epa.gov>  
**Cc:** Chappell, Erin@Wildlife <Erin.Chappell@Wildlife.ca.gov>  
**Subject:** Loss report for red-tailed hawk in Los Angeles County

Good afternoon,

I have attached a loss report for a red-tailed hawk in Los Angeles County. If you have any questions, please contact me.

Thank you.

Stella McMillin  
Senior Environmental Scientist  
Wildlife Investigations Laboratory  
California Department of Fish and Wildlife  
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**DEPARTMENT OF FISH AND WILDLIFE**  
**WILDLIFE BRANCH**  
**WILDLIFE INVESTIGATIONS LABORATORY**  
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**Lab Number P-3301**  
**Necropsy Number Z18-0784**  
**CAHFS Number D1815767**

**Date of loss: September 20, 2018**  
**Sample: Red-tailed hawk**  
*Buteo jamaicensis*  
**Listing status: No special status**

**To: Kurt Floren**  
**Los Angeles County Agricultural Commissioner**

**Report Date: January 17, 2019**

**Diagnosis:** Anticoagulant rodenticide intoxication in red-tailed hawk.

**Background**

A red-tailed hawk was found in a backyard pool in Studio City on September 20, 2018 and brought to the California Wildlife Center in Calabasas. At the initial exam, blood was observed in the mouth and the right leg, and the hawk was unable to stand. There was an abrasion and small laceration on the right leg and foot and there appeared to be excessive blood for the observed injuries. The hawk was given supportive care but died within 24 hours. It was shipped to the CDFW Wildlife Investigations Laboratory (WIL) to determine the cause of death.

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**RESULTS OF EXAMINATION**

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A necropsy was performed at WIL on November 2, 2018. The hawk was found to be a juvenile female in good nutritional condition. Eyes were tinged slightly red, the oral mucosa was pale, and there were no fractures or obvious signs of trauma. Blood was present in the thoracic cavity, and lungs, heart, and liver were pale. Liver tissue contained three anticoagulant rodenticides: 0.10 ppm brodifacoum, 0.64 ppm difethialone, and a trace of bromadiolone.

**Remarks:**

Coagulopathy observed at necropsy and potentially toxic levels of brodifacoum and difethialone support diagnosis of anticoagulant rodenticide intoxication.

**WILDLIFE INVESTIGATIONS LABORATORY**

A handwritten signature in black ink, reading "Stella McMillin".

**Stella McMillin, Senior Environmental Scientist**  
**Wildlife Investigations Laboratory**

Approved

A handwritten signature in black ink, appearing to read "De Clifford". The signature is fluid and cursive, with a large initial "D" and a long horizontal stroke extending to the left.

**Dr. Deana Clifford, Senior Wildlife Veterinarian,  
Wildlife Investigations Laboratory**

**Cc: Marilyn Palmer-Townsend  
CDPR**

**David Kratville,  
CDFA**

**Robert Miller,  
USEPA**